

## QGIS Application - Bug report #477

### Loading a PostGIS View is very slow

2006-12-22 04:07 AM - Redmine Admin

<b>Status:</b>	Closed	
<b>Priority:</b>	Low	
<b>Assignee:</b>	Gavin Macaulay -	
<b>Category:</b>	Vectors	
<b>Affected QGIS version:</b>		<b>Regression?:</b> No
<b>Operating System:</b>	RedHat	<b>Easy fix?:</b> No
<b>Pull Request or Patch supplied:</b>		<b>Resolution:</b> fixed
<b>Crashes QGIS or corrupts data:</b>		<b>Copied to github as #:</b> 10536
<b>Description</b>		
<p>The loading of a [[PostGIS]] view is much slower than the loading of a table with the same structure.</p> <p>The simple view</p> <pre>CREATE OR REPLACE VIEW geo_gemeinden_v AS SELECT oid, ogc_fid, wkb_geometry, name, gem_bfs, gmde_name, gmde_nr, bzrk_nr, eg_nr, plz, ktn_nr, new_date, archive_date, archive FROM geo_gemeinden;</pre> <p>needs 24secs to load. The table geo_gemeinden with the same structure less than 1sec.</p> <p>For testing purposes I attach the dump of geo_gemeinden</p>		

#### History

##### #1 - 2006-12-22 04:11 AM - Redmine Admin

Please excuse but the mentioned file could not be attached due to size.

##### #2 - 2006-12-23 12:31 AM - Gavin Macaulay -

Qgis has to do a lot more work when loading views. It has to work out which table/column each column in the view comes from, and then choose a column to use as a unique key. This entails working out that information for all views in the database. If you have a lot of views in the database, this may take some time.

Nothwithstanding all of that, 24 seconds is a lot longer than 1 second, and this area clearly needs some more work, but it's unlikely to happen before we release 0.8.

##### #3 - 2007-01-30 06:28 AM - Redmine Admin

Now release 0.8 is released and I want to ask for the state of solution. My DB has more than 300 Geo-Layers and much more Geo-Views. QGIS takes a very long time to load a view.

##### #4 - 2007-02-16 10:59 PM - Gavin Macaulay -

A potential speed-up has been committed to head (commit:2a35478a (SVN r6611)). Please test if you can. If it works, I'll port it to the 0.8.1 branch.

**#5 - 2007-02-18 11:55 AM - Gavin Macaulay -**

Hmm. It's actually slower :(

**#6 - 2007-03-13 01:03 AM - Redmine Admin**

I'll come back to my question about the state of solution. The slowness of views is a real and essential problem. I'm not able to use QGIS in our enterprise environment due to the view problem.

Horst Duester  
SO!GIS Kanton Solothurn

**#7 - 2007-03-13 12:24 PM - Gavin Macaulay -**

Nothing more has been done about this. I'd actually forgotten about it! I'll have another go this weekend.

Gavin

**#8 - 2007-07-15 01:40 AM - Marco Hugentobler**

- *Status changed from Open to Closed*
- *Resolution set to fixed*

A fix for this is in commit:5324e893 (SVN r7072). It also addresses column renaming with 'AS' and views that refer to other views.

**#9 - 2009-08-22 12:45 AM - Anonymous**

Milestone Version 0.9 deleted